

FORM PTO 1390 (REV 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 21919-00017-US
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/502300 No US assigned
INTERNATIONAL APPLICATION NO. PCT/ZA03/00011	INTERNATIONAL FILING DATE 22 January 2003	PRIORITY DATE CLAIMED 23 January 2002	
TITLE OF INVENTION MINERAL ANALYSIS (As Amended)			
APPLICANT(S) FOR DO/EO/US Francois Eberhardt DU PLESSIS			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 			
Items 11 to 20 below concern document(s) or information included:			
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: PTO Form SB08 and 12 references, including an English language translation of DE 44 14 622 A1 and English language abstracts for DD 244 821 A1 and DE 35 09 671 A1. 			

U.S. APPLICATION NO. (if known, see 37 CFR 1.53) 10/502300 Not yet assigned		INTERNATIONAL APPLICATION NO. PCT/ZA03/00011		ATTORNEY'S DOCKET NUMBER 21919-00017-US																																																	
21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				CALCULATIONS PTO USE ONLY <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; border-bottom: 1px solid black;">\$ 920.00</td> <td style="width:50%; border-bottom: 1px solid black;"></td> </tr> <tr> <td style="border-bottom: 1px solid black;">\$</td> <td style="border-bottom: 1px solid black;"></td> </tr> </table>		\$ 920.00		\$																																													
\$ 920.00																																																					
\$																																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">CLAIMS</th> <th style="width:25%;">NUMBER FILED</th> <th style="width:25%;">NUMBER EXTRA</th> <th style="width:25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>13-20 =</td> <td></td> <td>x</td> </tr> <tr> <td>Independent claims</td> <td>2-3 =</td> <td></td> <td>x</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(s) (if applicable)</td> <td>+</td> </tr> <tr> <td colspan="3" style="text-align: center;">TOTAL OF ABOVE CALCULATIONS =</td> <td></td> </tr> <tr> <td colspan="3"> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2 </td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL =</td> <td></td> </tr> <tr> <td colspan="3">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL NATIONAL FEE =</td> <td></td> </tr> <tr> <td colspan="3">Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL FEES ENCLOSED =</td> <td></td> </tr> </tbody> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	13-20 =		x	Independent claims	2-3 =		x	MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	TOTAL OF ABOVE CALCULATIONS =				<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2				SUBTOTAL =				Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				TOTAL NATIONAL FEE =				Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				TOTAL FEES ENCLOSED =				<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; border-bottom: 1px solid black;"></td> <td style="width:50%; border-bottom: 1px solid black;">Amount to be refunded: \$</td> </tr> <tr> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">charged: \$</td> </tr> </table>			Amount to be refunded: \$		charged: \$
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																																		
Total claims	13-20 =		x																																																		
Independent claims	2-3 =		x																																																		
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+																																																		
TOTAL OF ABOVE CALCULATIONS =																																																					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2																																																					
SUBTOTAL =																																																					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).																																																					
TOTAL NATIONAL FEE =																																																					
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +																																																					
TOTAL FEES ENCLOSED =																																																					
	Amount to be refunded: \$																																																				
	charged: \$																																																				
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>22-0185</u> in the amount of \$ <u>1250.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>22-0185</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																																					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: Mark J. Pino CONNOLLY BOVE LODGE & HUTZ LLP 1990 M Street, N.W., Suite 800 Washington, DC 20036-3425 (202) 331-7111 CUSTOMER NUMBER:																																																					
SIGNATURE: <u>Mark J. Pino</u> NAME: _____				43,858 REGISTRATION NUMBER																																																	

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 21919-00017-US

Certificate of Hand Delivery

I hereby certify that this correspondence is being hand delivered to the United States Patent and Trademark Office at the address shown below:

Customer Window, MS PCT
U.S. Patent and Trademark Office
PCT Operations
2011 South Clark Place
Crystal Plaza Two, Eighth Floor
Arlington, Virginia 22202

on July 22, 2004
Date

DeWanna Knight
Signature

DeWanna Knight
Typed or printed name of person signing Certificate

Note: The following papers are submitted:

Transmittal Letter to the United States Designated-Elected Office (2 pp/Duplicate);
Executed Declaration and Power of Attorney (3 pp);
Copy of Published Application (22 pp/Double Sided);
Assignment Recordation Cover – Form 1595 (1 pg/Duplicate);
Executed Assignment (3 pp);
Preliminary Amendment (6 pp);
Information Disclosure Statement (3 pp);
International Search Report (2 pp); and
Form SB 08 with 12 references (including English language translation of DE 44 14 622 A1 and English language abstracts of DD 244 821 A1 and DE 35 09 671 A1).